MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

June 1948

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

JUNE 1948

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	59.3	58.8	58.6	58.9	28.1	19.2	29.4	27.5	21.6	24.7
2	8.7	8.4	7.8	8.3	28.2	18.4	24.1	27.2	21.6	24.3
3	6.5	5.6	4.5	5.5	28.5	19.4	24.5	27.8	22.1	24.8
4	5.9	6.5	7.5	6.6	28.6	19.4	23.8	27.4	21.7	24.3
5	6.6	6.1	5.7	6.1	28.4	20.1	24.9	27.8	21.1	24.6
6	52.9	52.2	55.7	53.6	31.2	21.6	27.2	29.4	23.2	26.6
7	7.4	8.3	8.6	8.1	29.0	20.1	26.1	28.6	22.5	25.7
8	9.5	9.7	9.6	9.6	29.1	20.4	25.5	28.3	22.4	25.4
9	9.6	9.5	9.4	9.5	28.0	21.1	25.5	27.7	22.2	25.1
10	8.7	9.2	8.9	8.9	29.1	20.1	24.9	25.8	21.6	24.1
11	59.1	58.9	58.6	58.9	28.5	19.6	25.3	26.6	22.2	24.7
12	9.1	9.1	9.1	9.1	28.9	20.0	25.7	28.3	22.7	25.6
13	60.3	9.1	60.4	9.9	28.6	21.1	25.7	27.4	23.0	25.4
14	0.7	60.0	59.7	60.1	21.3	23.4	26.6	30.5	24.4	27.2
15	58.2	58.0	7.2	57.8	33.7	23.7	30.6	32.4	29.2	30.7
16	57.5	58.1	58.6	58.1	31.4	22.7	28.9	30.5	24.3	27.9
17	9.0	8.6	8.9	8.8	30.5	21.3	27.7	29.4	26.7	27.9
18	8.5	7.9	7.7	8.0	30.0	21.6	27.3	29.2	23.6	26.7
19	6.8	6.0	5.4	6.1	29.9	21.9	27.2	28.8	22.8	26.3
20	5.2	5.2	5.7	5.4	30.5	21.8	28.2	28.9	23.6	26.9
21	55.7	55.3	55.8	55.6	31.0	22.2	27.8	30.1	24.4	27.4
22	5.9	5.8	5.9	5.9	31.0	23.2	27.9	29.9	24.3	27.4
23	6.5	6.3	6.5	6.4	30.1	20.9	26.1	29.4	23.3	26.3
24	7.3	7.6	7.7	7.5	30.0	20.5	26.8	29.3	23.3	26.5
25	8.0	7.9	8.3	8.1	29.4	21.6	26.6	28.6	23.4	26.3
26	58.5	58.8	59.2	58.8	29.0	21.7	26.8	28.3	22.8	26.0
27	60.0	9.5	9.9	9.8	29.6	21.3	27.2	28.4	23.6	26.4
28	59.3	8.5	8.0	8.6	29.4	20.8	26.4	28.8	23.1	26.1
29	7.8	7.1	7.2	7.4	29.8	21.1	27.4	29.4	23.8	26.9
30	7.3	6.9	7.9	7.4	30.3	21.3	26.7	28.9	23.8	26.5
	57.86	57.63	57.80	57.76	29.70	21.05	26.48	28.69	23.28	26.15

Barometer, range for month 760.7 — 752.2 mm.
,, 71-yr. average for month 757.92 mm.
Thermometer, range for month 33.7° — 18.4°C
,, 71-yr. average for month 25.62 °C.
Rain, total for month 0.00 mm.
,, 71-yrs. average for month 3.26 mm.
,, Tolal, Sept. 1st. to end of month 1152.38 mm.
,, 71-yr. average, Sept. 1st. to end of month 891.41 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				Sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	25.3	28.7	23.8	25.9	81	77	95	84	12.4	283.0	
2	23.5	27.7	23.3	24.8	80	77	90	82	12.5	335.0	
3	25.0	29.5	20.4	25.0	82	78	76	79	12.6	203.0	
4	24.1	26.3	23.3	24.6	81	73	89	81	12.0	447.0	
5	25.3	21.7	23.8	23.6	81	58	95	78	11.9	298.0	
6	25.6	32.8	26.6	28.3	70	79	91	80	11.8	496.0	
7	27.9	30.1	25.7	27.9	82	76	92	83	12.1	323.0	
8	25.5	30.5	26.1	27.4	79	78	97	85	12.7	262.0	
9	26.9	28.0	24.2	26.4	81	74	90	82	10.9	238.0	
10	24.6	25.7	22.0	24.1	77	76	86	80	8.9	235.0	
11	24.8	26.7	19.8	23.8	76	77	75	76	12.8	262.0	
12	20.8	21.9	20.5	21.1	63	56	72	64	12.0	254.0	
13	20.8	22.4	21.8	21.7	65	60	79	68	12.4	288.0	
14	20.6	22.9	25.7	23.1	60	52	83	65	12.7	323.0	
15	31.1	26.7	12.8	23.5	71	56	30	52	12.6	349.0	
16	24.2	27.2	26.4	25.9	61	62	85	69	12.8	451.0	
17	22.4	23.8	23.9	23.4	61	57	68	62	11.8	428.0	
18	22.1	23.1	22.6	22.6	62	55	78	65	12.9	399.0	
19	24.2	25.7	25.2	25.0	66	64	88	73	13.0	323.0	
20	23.3	25.7	23.9	24.3	61	64	83	69	13.1	283.0	
21	26.5	26.9	26.4	26.6	70	64	86	73	12.8	320.0	
22	25.8	26.2	24.4	25.5	70	62	78	70	12.7	568.0	
23	21.5	20.4	18.9	20.3	66	49	65	60	12.1	517.0	
24	20.6	21.7	20.7	21.0	59	53	72	61	13.2	328.0	
25	20.6	22.8	22.6	22.0	59	61	78	66	13.0	251.0	
26	21.9	23.3	21.2	22.1	63	60	76	66	11.8	418.0	
27	20.2	20.6	18.9	19.9	54	53	66	58	11.6	378.0	
28	20.0	20.1	18.3	19.5	57	51	63	57	12.4	296.0	
29	22.1	23.8	23.5	23.1	61	57	78	65	12.5	171.0	
30	23.3	24.2	23.3	23.6	66	61	80	69	12.7	192.0	
	23.68	25.24	22.66	23.86	6 8.8	64.0	79.4	70.7	12.29	330.63	0.00

Height of Barometer above sea level: 33.7 meters.
,, ,, Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T.
71year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8.30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1sw	1nw	0	light	
2	0	0	0	0.0	1sw	1nw	1nw	,,	
3	0	0	0	0.0	1w	0	0	,,	
4	2cu	0	0	0.7	1nw	2w	0	,,	
5	0	0	0	0.0	1sw	1sw	0	,,	
6	0	0	4cu	1.3	1w	2sw	2sw	light	
7	0	1cu	0	0.3	1sw	1sw	1sw	,,	
8	0	0	4cu	1.3	1sw	1nw	0	,,	
9	0	0	2cu	0.7	1sw	1w	1w	,,	
10	0	10cu-st	0	3.3	1sw	1w	0	,,	
11	0	0	3cu	1.0	1w	1nw	0	light	
12	1cu	0	6cu	2.3	1w	1sw	0	,,	
13	0	0	0	0.0	1sw	1nw	0	,,	
14	0	0	0	0.0	1nw	1ne	1ne	,,	
15	0	0	0	0.0	1sw	1ne	1ne	,,	
16	0	0	0	0.0	2sw	3sw	1sw	light	
17	0	2cu	2cu	1.3	2sw	2sw	2sw	slight	
18	0	0	6cu	2.0	3sw	1sw	1sw	light	
19	0	0	0	0.0	2sw	1sw	1sw	,,	
20	0	0	0	0.0	1w	1nw	0	,,	
21	0	0	0	0.0	2w	1w	0	light	
22	0	4cu	0	1.3	2sw	3sw	3sw	,,	
23	5cu	0	5cu	3.3	3sw	3sw	1sw	slight	W. a.m.
24	0	0	0	0.0	2sw	2w	1sw	,,	
25	0	0	0	0.0	1sw	1sw	0	,,	
26	1cu	3cu	8cu	4.0	1w	2sw	1sw	light	
27	2cu	7cu	6cu	5.0	2sw	1sw	1sw	,,	
28	0	1ci	0	0.3	2sw	1w	1sw	,,	
29	0	1ci	9cu	3.3	1sw	1sw	1sw	,,	
30	0	1cu	9cu	3.3	2sw	2sw	0	,,	
31									
				1.16					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	0	21	7	2	0	30
14:30	0	2	0	0	0	15	6	6	1	30
20:30	0	2	0	0	0	13	1	1	13	30
Total	0	4	0	0	0	49	14	9	14	90

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 0.79